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>Title: **JP11260372A2: MANUFACTURE OF NONAQUEOUS SECONDARY B**

Country: **JP Japan**

Kind: **A**

Inventor: **FURUKAWA SANEHIRO;
FUJIMOTO MASAHIWA;
YOSHINAGA NORIYUKI;
UENO KOJI;**



Assignee: **SANYO ELECTRIC CO LTD**
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Published / Filed: **1999-09-24 / 1999-01-14**

Application Number: **JP1999000008215**

IPC Code: **H01M 4/66; H01M 2/02; H01M 4/02; H01M 10/40;**

Priority Number: **1999-01-14 JP1999019998215**

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... SOLUTION: A positive electrode collector is constructed of an aluminum foil with the surface covered with aluminum oxide. By mixing petroleum coke with N-methylpyrrolidone solution, in which polyvinylidene fluoride is dissolved, a mixed solution is prepared. Next, by applying this mix solution to a negative electrode collector made of copper foil and then bringing the negative collector into contact with lithium foil, a negative electrode 2 is formed. Lithium on the negative electrode 2 is intercalated into the petroleum coke serving as a negative electrode material after injecting the electrolyte. Then, a separator 3 is arranged between the positive electrode 1 and the negative electrode 2, and these are wound up into a spiral shape and form a group 4 of electrodes.

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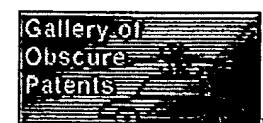
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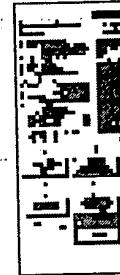
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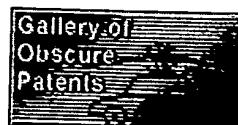
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(19)

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11

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PATENT ABSTRACTS OF JAPAN(21) Application number: **11008215**(51) Intl. Cl.: **H01M 4/66 H01M 2/02 H01M 10/40**(22) Application date: **14.01.99**

(30) Priority:

(43) Date of application publication: **24.09.99**

(84) Designated contracting states:

(71) Applicant: **SANYO ELECTRIC CO**(72) Inventor: **FURUKAWA SANEHIRO FUJIMOTO MASAHISA YOSHINAGA NORIYUKI UENO KOJI**

(74) Representative:

**(54) MANUFACTURE OF
NONAQUEOUS
SECONDARY BATTERY**

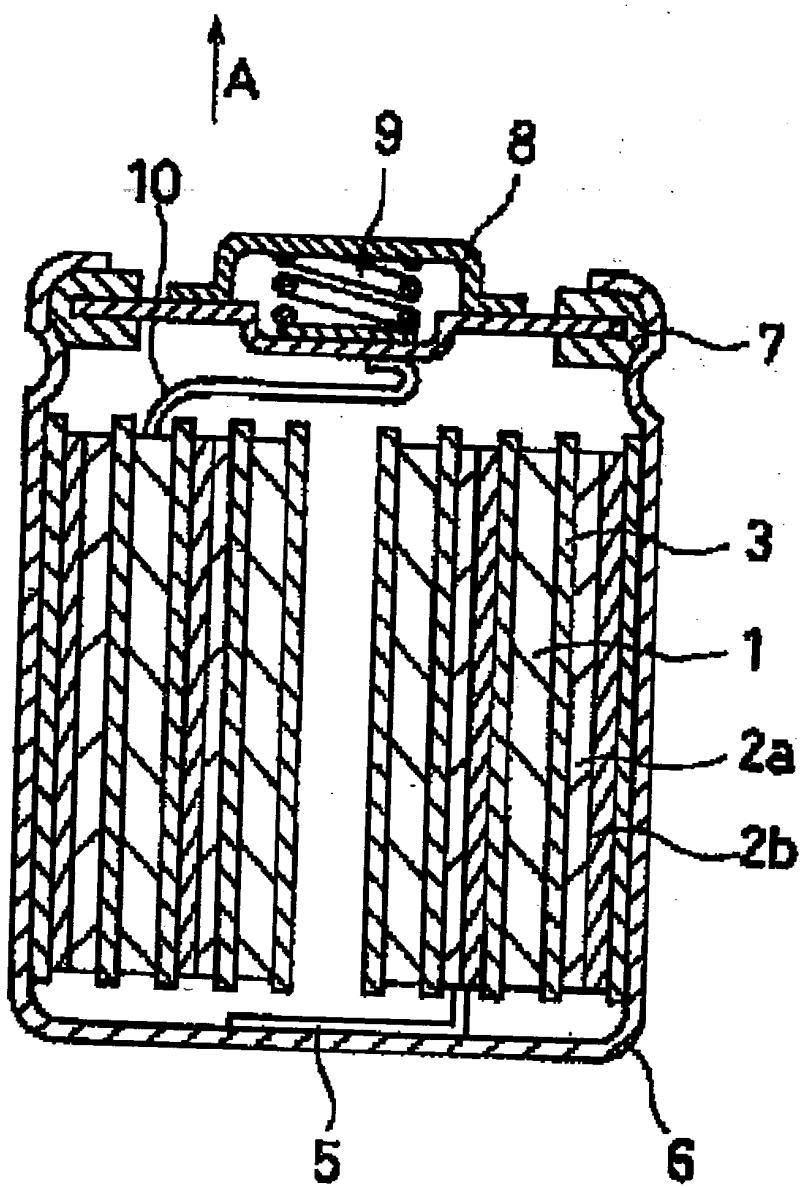
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